

X 25 Year System Warranty

X Supports Gigabit Ethernet

X Built in Slide Label System

## Features

- 25 Year System Warranty
- Built in Slide Label System
- T568A/B Wiring Configuration
- Power Sum Compliant
- LSA Style Termination Blocks
- No.2 cabling system by market share, as reported by BSRIA
- Supports Gigabit Ethernet
- Category 5e compliant
- LSA Style Termination Blocks
- Choice of Port Density
- Pre Printed 1-96 Self Adhesive Labelling included

## Product Overview

Excel Plus Category 5e Patch Panels comply with the current standards for enhanced Category 5. Each panel consists of a number of 8 way blocks of RJ45 sockets, housed in a high quality plastic moulding. To the front of the panel this moulding contains the new easy to use slide label system. Each block of 8 sockets has its own label which can be removed from either side of the covered label field. The label strip itself is protected by a clear, tough plastic insert. Ease of installation is assured with ample rear cable management positions and LSA IDC blocks. A choice of port configurations - 24 Ports in 1U or 48 Ports in 2U - is available to suit all applications. Cage nuts and mini cable ties are included with each panel.

## Performance Overview

Excel Category 5e Patch Panels are manufactured to and tested to the current Category 5 enhanced standards as defined by the TIA and ISO standards' bodies. Swept frequency tests are applied to each critical performance characteristic, such as near end cross talk (NEXT) and far end cross talk (FEXT). Both Worst Case and Power Sum Test methods are applied. Actual performance exceeds the required standard by a considerable margin ensuring sufficient headroom for even the most demanding applications.

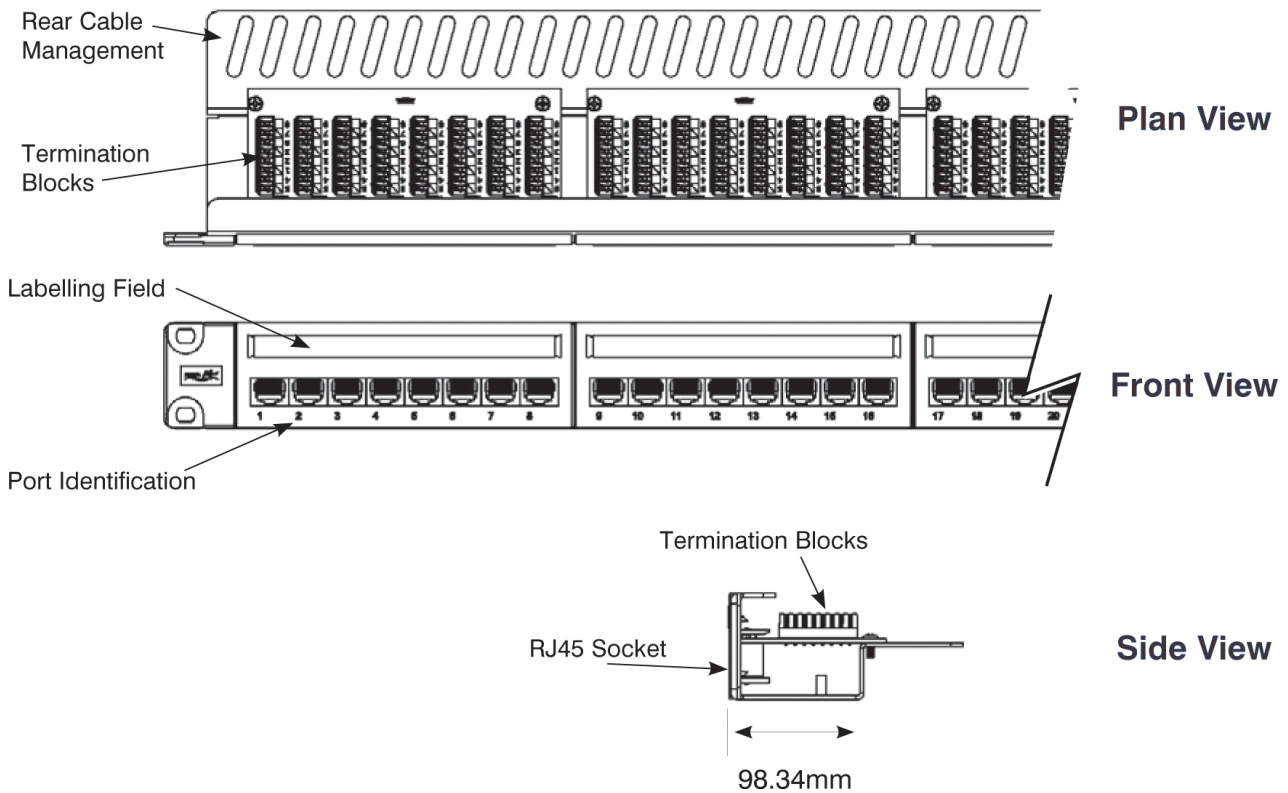
## Performance / Specification Table

Specification	Category 5e
Wiring Specification	T568B
Port Density	24Ports Per 1U
Dimensions	482mm wide x 28.4mm deep x 44mm (1U) or 88mm (2U) high
Installation Recommendation	Suits standard 19" rack
Port Density	24 Port 1U or 48 Port 1U
Dimensions	480mm wide x 44mm high x 96mm deep
RJ45 Jack	Min life 700 insertions
RJ45 Jack	50 Micro-inch Gold Plated contact pins
IDC Contacts	Suitable for LSA compatible tooling. Maximum 200 reterminations
Contact compatibility	22 to 26AWG Solid & 24AWG Stranded wires
Operating Temperature Range	-10°C to 60°C
Storage Temperature Range	-40°C to 68°C
Panel Material:	SPCC - Black Powder Painting Coat Finish
Plastic Frame:	ABS High Impact UL94V-0 Thermoplastic

Jack Housing:	PBT High Impact UL94V-0 Thermoplastic, 15% Glass Fibre Filled
IDC Plastic:	Polycarbonate High Impact UL94V-0 Thermoplastic
NEXT at 100MHz	Category 5e 39.7dB @100MHz (Power Sum)
FEXT at 100MHz	Category 5e 30.1dB @100MHz (Power Sum)

### Typical Applications

- 10Base-T Ethernet
- Token Ring
- 100BASE-TX Fast Ethernet
- 155 Mbps ATM
- 1000BASE-T Gigabit Ethernet
- 622 Mbps ATM



### Part Number Information

Part No.	Description
100-470	Excel Plus Category 5e Unscreened Patch Panel 24 Port 1U - Black
100-480	Excel Plus Category 5e Unscreened Patch Panel 48 Port 2U - Black

### Related Products

Part No.	Description
35-480	Punchdown tool, BT reference 2A

### System Warranty

The Excel System Warranty provides a 25-year product and applications assurance of compliance with the industry performance standard appropriate to the class of cabling installed. The warranty may be applied for by an accredited Excel Partner who has designed, supplied and installed the said system.



Excel is a world-class premium performing end-to-end infrastructure solution - designed, manufactured, supported and delivered - without compromise.

Contact us at [sales@excel-networking.com](mailto:sales@excel-networking.com)

